

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

36-084-44
MONTICELLO QUADRANGLE
37 KENTUCKY
N3645-W8445/15
DIAGRAM NJ 16-12
CORBIN

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Pulaski, Russell and
Wayne Counties

Final adjustment of 1973

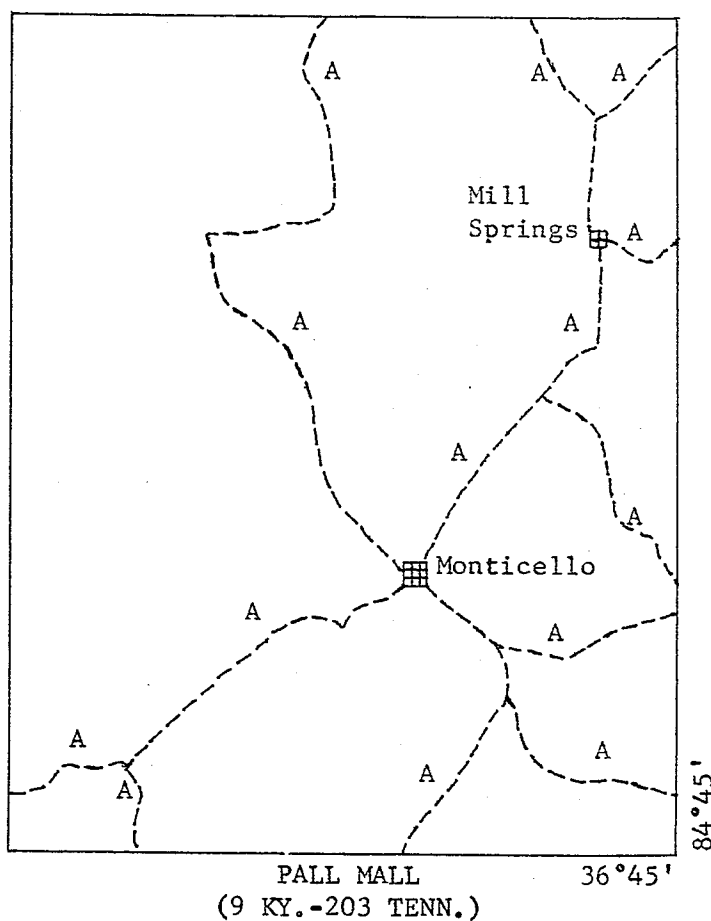
Edition of 5/16/74

PR: DSW/mid

CAINS STORE
(65)

JAMESTOWN
(38)

BURNSIDE
(36)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360844

37 KENTUCKY
MONTICELLO QUADRANGLE

36-084-44
N3645-W8445/15

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ISOLATED BENCH MARKS (By C. E. Mills, 1911, and F. H. West;
Book, A 8915, C. E. Reick, 1928; B 3051)

Feet

Millsprings, in S. face of foundation to J. B. Pearringin's house; standard tablet stamped "844" (Tied by NGS, 1951)	843.857
Steubenville, 0.5 mi N. of; W. side of pike; 0.25 mi N. of Steubenville oil pumping station; in N. face of chimney, on N. side of house; standard tablet stamped "917" (Reported destroyed, 1952)	917.148
Monticello, 1.5 mi N. of; on E. side of pike; at T-rd. and pike SW.; in stone support to schoolhouse; standard tablet stamped "964" (Reported destroyed, 1953)	964.276
Monticello, on N. side of front steps to courthouse, in second step from bottom; standard tablet stamped "926" (Reported destroyed, 1953)	926.301
Monticello, 3.55 mi SE. of; 1.5 mi NW. of Oil Valley; 21 ft from SE. corner of wall around graveyard; 200 yards E. from schoolhouse; in wall; on S. side of and 5 ft from pike; standard tablet stamped "938" (Reported not found, 1953)	938.066
Oil Valley, at junction of T-rds. 50 ft NE. from store; 3 ft NE. from and between two 3-ft white oaks; in boulder; standard tablet stamped "966" (Tied by NGS, 1951)	966.612
Cooper, 0.5 mi SE. of, at junction of Y-rds. 200 yards NE. from gate leading to Duncan's farm; in ledge of rock; standard tablet stamped "1001" (Reported not found 1952)	1001.210
Alex, 1.65 mi SW. of; on E. side of Albany Road; on N. side of J. P. Radse's house; in W. face of stone chimney; standard tablet stamped "1061" (Reported destroyed, 1952)	1061.690
Monticello, 2.55 mi W. of; on S. side of rd.; 75 paces W. of W. bank of Beaver Creek; 5 ft from S. side of rd.; in line with E. end of residence bldg. at pipe pumping station; in ledge; standard tablet stamped "756" (Reported destroyed, 1952)	751.874
Muri, 2.55 mi NW. of; 200 yards E. of intersection of Cooper Branch and Beaver Creek; on N. side of Cooper Branch rd.; at E. face of Shelby Cooper's house; in chimney; standard tablet stamped "655" (Reported not found, inundated by Lake Cumberland, 1953)	655.00
Parnell, 0.75 mi SE. of, Prim Trav Sta No 9, at junction of Y-rds.; in SW. corner of schoolhouse; tablet stamped "1029"	1028.848
Parnell, 3.15 mi NW. of; 0.09 mi S. of deserted house on W. side of rd. in hollow 1 mi S. of R. W. Coon's house; 0.75 mi N. from nearest house on rd. S.; on W. side of rd.; in rock; standard tablet stamped "971" (Reported not found, 1953)	970.346

Books, A 8915 and B3051

C. E. Mills
and F. H. West;
C. E. ReickISOLATED BENCH MARKS 9(Cont'd.)

	<u>Feet</u>
Bart, 300 yards NE. of; at E. side of R. A. Ramsay's house; in E. face of chimney; standard tablet stamped "641" (Not found, 1953)	640.413
Palace Post Office, at N. side of, in E. face of chimney; standard tablet stamped "650"	649.421
Dell, 100 paces S. of; in field; 15 paces E. of junction of T-rds., near large oak stamp; 10 paces E. of fence; in boulder; standard tablet stamped "PRIM TRAV STA NO 7 989" (Reported destroyed, 1952)	988.512
Dell, 4 mi SE. of; 2 mi NW. from Oak Grove Schoolhouse; on S. side of Monticello-Richards Ferry rd.; at E. side of J. P. Brown's house; in E. face of chimney; standard tablet stamped "1002" (Reported destroyed, 1952)	1001.457
Millsprings, 3.2 mi N. of; on W. side of Millsprings-Somerset rd.; 100 ft S. of T-rd. W.; in top of 9-by 26-in. stone about 2 in. above ground; standard tablet stamped "PRIM TRAV STA NO 6 1906 924" (Not found, 1953)	924.121
Vinnie, about 3 mi SE. of; on W. bank of Faubush Creek; in E. end of N. foundation wall of porch to James M. Ard's residence; 1.5 ft above ground; standard tablet stamped "674" (Note: To be inundated, Wolf Creek Reservoir, 1948)	674.239
Jabez, 1.6 mi SW. of, on Jamestown rd.; about 500 ft N. of rd.; on S. side of house of D. W. Stephens; in W. side of large sandstone chimney; standard tablet stamped "975" (Reported destroyed, 1952)	975.406
Ono, 1.1 mi SE. of; 4 mi W. of Jabez; 400 ft N. of Wolf Creek at ford; 150 ft S. of rd. forks; 70 ft W. of Jamestown rd.; at foot of hill on Elmer Hughes' farm; in limestone ledge; standard tablet stamped "648" (Reported not found, 1952)	648.427
Ono, 1.8 mi W. of; 350 ft above junction with Caney Fork; on W. bank of McFarland Creek; in stone ledge about 3 ft above water level; standard tablet stamped "PRIM TRAV STA NO 8 636" (Reported not found, 1952)	636.200
Bart, 2.4 mi SW. of; 125 ft NE. of J. C. Miller's residence; 10 ft N. of rd.; in limestone rock; standard tablet stamped "676"	676.183
Alpha Post Office, 0.75 mi E. of; 0.75 mi SW. of Wait School; 10 ft N. and 25 ft E. of T-rd. W. 700 ft S. of G. Kennedy's store; 25 ft N. of gate; in concrete post; standard tablet stamped "PRIM STA NO 4 M 1926" (Reported Destroyed, 1953)	992.444

ISOLATED BENCH MARKS (Cont'd.)

	<u>Feet</u>
Murl, 0.5 mi SW. of; on Ramsey Branch rd.; in house formerly owned by D. W. C. Rector; W. end of chimney; standard tablet stamped "1036" (Reported destroyed, 1952)	1035.482
Spann, 0.5 mi W. of post office; 33 ft W. and 34 ft N. of intersection of crossroads at Tom Jolson's general store; in top of sandstone boulder set in place; standard tablet stamped "TT STA NO 7 T 1928"	1416.744
Barrier Post Office, forks of rd. 0.2 mi NE. of; near NW. corner of triangle formed by forks of rd.; in limestone boulder; standard tablet stamped "PRIM TRAV STA NO 4 1906" (Reported destroyed, 1953)	948.636
Coopersville, 1.5 miles SE. of; 1.4 miles north of Rocky Branch Post Office, on S. bank of Kennedy Creek, 20 ft S. of ford, in boulder; standard tablet stamped "R 13 1928"	827.555
By C. E. Walker, 1929; Book B 3259	
Shearer Valley, 156 mi NE. of; on N. side of Shearer Valley-Cooper Road; 60 ft E. of gate to Cooper's place; on boulder; standard tablet stamped "1074" (Reported not found, 1952)	1073.582

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
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36-084-44
MONTICELLO QUADRANGLE
37 KENTUCKY
N3645-W8445/15
DIAGRAM NJ 16-12
CORBIN

Pulaski, Russell and Wayne Counties

Edition of 7/23/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

CAINS STORE
(65)

JAMESTOWN
(38)

BURNSIDE
(36)

Monticello

84°45'

PALL MALL
(9 KY.-203 TENN.)

36°45'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

37 KENTUCKY
MONTICELLO QUADRANGLE

36-084-44
N3645-W8445/15

INDEX OF PERMANENT MARKS

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37 KENTUCKY
MONTICELLO QUADRANGLE

36-084-44

3

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By J. R. Ellis, 1906; Books A313-316

Cooper; at public schoolhouse; in NE. corner of foundation; standard tablet stamped "PRIM TRAV STA NO 3 1906"
(Reported destroyed, 1953)

X = 2,259,881 Y = 160,634 36 46 16.28 84 51 45.90

Barrier, 0.2 mi NE. of post office; in NW. corner of triangle formed by junction of rds.; in limestone boulder; standard tablet stamped "PRIM TRAV STA NO 4 1906" (Reported destroyed, 1953)

X = 2,288,134 Y = 159,986 36 46 07.11 84 45 58.76

Spann, 0.5 mi W. of post office; on N. side of crossroads; at top of ridge; 79 ft NE. of hickory tree; 6 ft SW. of black gum tree; in sandstone; standard tablet stamped "PRIM TRAV STA NO 5 1906" (Reported destroyed, 1953)

X = 2,286,133 Y = 190,340 36 51 07.44 84 46 19.49

Jabez, 2.1 mi SE. of; in SW. corner of field owned by M. H. Hatfield; in boulder; standard tablet stamped "PRIM TRAV STA NO 7 1906" (Reported destroyed, 1952)

X = 2,255,869 Y = 231,216 36 57 54.54 84 52 27.17

McFarland Creek, 350 ft NE. of junction of Caney Fork; in E. face of ledge of stone; standard tablet stamped "PRIM TRAV STA NO 8 1906" (Inundated in 1948; reported not found, 1952)

X = 2,221,139 Y = 239,371 36 59 18.15 84 59 34.29

By S. H. Moyers, 1926; Books C7673-79

Alpha, 0.8 mi E. of post office; 0.8 mi SW. of Wait School; 10 ft N. and 25 ft E. of junction of I-rd. W.; 700 ft S. of store of G. Kennedy; 25 ft N. of gate; in concrete post; standard tablet stamped "PRIM TRAV STA NO 4 M 1926"
(Reported destroyed, 1953)

X = 2,220,836 Y = 157,871 36 45 52.32 84 59 46.04

By C. A. Turner, 1928; Books C8371-74

Spann, 0.5 mi W. of post office, along graveled rd.; at John Denneys Store; 52 ft N. of centerline of rd. at junction of dirt rd. NW.; 48 ft NW. of centerline of rd.; 31 ft NE. of centerline of rd. NW.; 26 ft SW. of SW. corner of residence of H. Barnett; 8 ft WNW. of 16-in. apple tree; in sandstone post; standard tablet stamped "TI STA NO 7 T 1928 1417.021"

X = 2,286,138 Y = 190,357 36 51 07.61 84 46 19.43

37 KENTUCKY
MONTICELLO QUADRANGLE

36-084-44
4

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

By G. B. Grunwell, 1936; Book D1873

Susie, 1.2 mi NE. of, along State Highway 90; 27 ft SE. of centerline of hwy.; 100 ft S. of S. corner of small house; 15 ft NE. of N. post of gate to field; in concrete post; NGS standard disk stamped "A 44 1935"
(Reported destroyed, 1952)

X = 2,236,870 Y = 166,964 36 47 20.91 84 56 28.04

Susie; 100 ft W. of post office; 12 ft NW. of centerline of State Highway 90; 46 ft WNW. of corner of stone wall; in NW. concrete headwall of culvert; standard tablet stamped "TI 21 G 1936"

X = 2,231,811 Y = 161,961 36 46 31.87 84 57 30.74

By J. M. Halsey, 1951; Book AH 268

Ono, 0.4 mi N. of; 27 ft SW. of centerline of rd.; 3 ft NW. of fencepost at gate to farm rd. SW.; opposite drive to barn; in concrete post; standard tablet stamped "TI 5 JMH 1951" (Not found, 1975)

X = 2,228,651 Y = 241,221 36 59 35.83 84 58 01.51

By J. M. Halsey, 1951, and T. W. Cayce, 1952; Book AH 268

Ono, 1.8 mi SW. of, along graveled rd., thence 0.6 mi E. along dirt rd., thence 0.4 mi N. along field and woods rd.; in center of small clearing at highest point of knoll; 50 ft SE. of 14-in. sweetgum tree; 15 ft NE. of 14-in. black oak tree; 25 ft W. of 12-in. black oak tree; in concrete monument; USED standard disk stamped "HUGHES 1942"

X = 2,227,506 Y = 231,366 36 57 58.49 84 58 16.63

Cole School; 39 ft N. of centerline of rd.; 39 ft SE. of NE. corner of school; 21 ft E. of SE. corner of school; in rock outcrop; standard tablet stamped "TI 15 JMH 1951" (School reported destroyed by fire, 1952)

X = 2,225,676 Y = 220,797 36 56 14.13 84 58 40.22

Parnell, 2.8 mi NW. of, along State Highway 92, thence 2.7 mi NW. along old country rd.; 7 ft W. of centerline of rd.; in rock outcrop; standard tablet stamped "TI 16 JMH 1951"

X = 2,220,084 Y = 209,496 36 54 22.83 84 59 50.23

Parnell, 2.8 mi NW. of, along State Highway 92; 31 ft N. of centerline of rd.; 13 ft N. of N. edge of rd.; 50 ft E. of end of hwy.; in concrete post; standard tablet stamped "TI 17 JMH 1951"

X = 2,223,638 Y = 199,431 36 52 43.03 84 59 07.47

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MONTICELLO QUADRANGLE

36-084-44
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Parnell, 1.6 mi NW. of, along State Highway 92; 24 ft S. of centerline of rd.; 16 ft W. of centerline of old woods rd. S.; in concrete post; standard tablet stamped "TT 18 JMH 1952"

X = 2,228,403	Y = 200,635	36 52 54.55	84 58 08.71
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Murl, 0.4 mi NW. of, along graveled rd., thence 1.4 mi N.; 16 ft W. of centerline of dim field rd.; 100 ft SSE. of gate in NW. fence corner; 95 ft S. of E.-W. fenceline; 49 ft E. of N.-S. fenceline; in rock outcrop; standard tablet stamped "TT 19 JMH 1952"

X = 2,231,050	Y = 185,111	36 50 20.83	84 57 37.72
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Murl, 0.4 mi NW. of; 36 ft N. and 28 ft E. of centerline of rd. at junction of I-rd. NE.; 4 ft W. of fenceline; in concrete post; standard tablet stamped "TT 20 JMH 1952" (Not found, 1975)

X = 2,231,251	Y = 177,990	36 49 10.41	84 57 35.98
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Ramsey Island, 0.2 mi E. of, along graveled rd., thence 0.2 mi S. along trail; at summit of knoll; 90 ft NE. of 10-in. wild pear tree; 80 ft N. of 8-in. forked peach tree; in concrete post; USED standard disk stamped "RAMSEY 1942"

X = 2,226,488	Y = 174,562	36 48 36.90	84 58 34.90
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Ramsey Island, 1.6 mi SE. of; 35 ft E. of centerline of rd.; 46 ft SE. of centerline of rd. at junction of driveway to house; 19 ft S. of SW. corner of small shed; in concrete post; standard tablet stamped "TT 21 JMH 1952"

X = 2,229,744	Y = 169,679	36 47 48.35	84 57 55.36
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Susie; 90 ft SE. of, and across State Highway 90 from S. corner of post office; 49 ft SE. of centerline of hwy. at junction of rd. NW.; 94 ft S. of centerline of rd. NW.; 65 ft SW. of well; 30 ft SW. of W. corner of abandoned store building; 2 ft NW. of fenceline; in concrete post; NGS standard disk stamped "S 235 1951 1040.595" (Not found, 1975)

X = 2,232,328	Y = 162,326	36 46 35.44	84 57 24.35
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Wait, 1.3 mi E. of, along State Highway 90; 700 ft W. of large bridge; 50 ft S. and 22 ft W. of centerline of hwy. at short tangent of graveled turn-out; in W. headwall of small concrete culvert; standard tablet stamped "TT 22 JMH 1951"

X = 2,226,368	Y = 160,664	36 46 19.49	84 58 37.77
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37 KENTUCKY
MONTICELLO QUADRANGLE

36-084-44

6

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

By J. M. Halsey, 1951; Book AH 268

Trimble, 0.7 mi W. of post office, along State Highway 235, thence 0.4 mi SW. along dirt rd.; 24 ft NW. of, and 2 ft higher than centerline of rd.; 38 ft W. of junction of rd. SE.; 110 ft ENE. of E. corner of small shack; 52 ft S. of, and across rd. from power pole with transformer; 24 ft NNE. of power pole; in concrete post; NGS standard disk stamped "F 231 1951 945.316"

X = 2,288,267

Y = 237,442

36 58 52.94

84 45 47.18

Trimble, 0.7 mi S. of post office, along State Highway 235, thence 3.1 mi SW. along dirt rd.; on outside of curve with tangents NE. and S.; 28 ft NW. of, and 2 ft higher than centerline of rd.; 47 ft NNW. of triangular-blazed 8-in. poplar tree; 20 ft W. of triangular-blazed 36-in. beech tree; 12 ft NW. of fence-line; in concrete post; NGS standard disk stamped "J 231 1951 895.461"

X = 2,282,209

Y = 226,868

36 57 09.01

84 47 03.18

Trimble, 0.7 mi S. of post office, along State Highway 235, thence 4.0 mi SW. along dirt rd.; on right bank of Cumberland River; 238 ft E. of centerline of rd. at point where rd. enters backwater of Wolf Creek Reservoir; 94 ft SW. of, and 4 ft lower than junction of rd. NW.; 46 ft NW. of centerline of rd.; 14 ft N. of 9-in. cedar tree; in limestone outcrop; NGS standard disk stamped "K 231 1951 758.096" (Not found, 1975)

X = 2,281,578

Y = 222,919

36 56 30.03

84 47 11.44

Mill Springs, 0.8 mi E. of, along State Highway 90; 28 ft S. of centerline of hwy.; 179 ft SSE. of, and across hwy. from SE. corner of Mill Springs Methodist Church; 178 ft NW. of NW. corner of brick house; 70 ft NNW. of power pole with transformer; 2 ft N. of fence-line; in concrete post; NGS standard disk stamped "K 44 1935 860.923"

X = 2,287,397

Y = 218,622

36 55 46.95

84 46 00.32

MARKS TIED BY NGS

By J. R. Ellis, 1906; Books A313-316

Trimble, 0.7 mi S. of post office, along State Highway 235, thence 1.7 mi SW.; 12 ft WSW. of centerline of rd.; 112 ft S. of 16-in. walnut tree; 105 ft SE. of walnut tree; 2 ft ENE. of fence-line; in concrete post; standard tablet stamped "PRIM TRAV STA NO 6 1906" (Not found, 1953)

X = 2,282,987.50

Y = 233,489.76

36 58 14.408

84 46 52.743

Parnell, 0.6 mi SW. of post office; at New Bethel Church; 45 ft S. of centerline of rd. N.; in bottom stone of NW. corner foundation of church; standard tablet stamped "PRIM TRAV STA NO 9 1906"

X = 2,233,383.11

Y = 194,568.27

36 51 54.152

84 57 08.036